

Inventor: Mark E. Tuttle et al.

Title: Radio Frequency Data Communications Device with Adjustable Receiver
Sensitivity and Method

Assignee: Micron Technology, Inc.

Atty Dkt. No.: MI40-363

INFORMATION DISCLOSURE STATEMENT

PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 AND 1.98

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

The listed references were cited by, or submitted to, the Office in the parent, co-pending application of the above-identified application. The above-identified application is a continuation of co-pending application Serial No. 10/315,427, filed December 9, 2002. Such prior disclosure is sufficient for the above-identified application as far as copies of the references are concerned. 37 C.F.R. § 1.98(d) and MPEP § 609(2). Copies of publications are attached.

Citation of these references is respectfully requested.

Respectfully submitted,

Dated: Oct 28, 2003


Deepak Malhotra
Reg. No. 33,560

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI40-363	SERIAL NO. Unassigned			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Mark E. Tuttle et al.				
				FILING DATE Filed Herewith	GROUP Unknown			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	4,890,072	12/26/89	ESPE ET AL.				
	AB	5,134,085	07/28/92	GILGEN ET AL.				
	AC	5,175,774	12/29/92	TRUAX ET AL.				
	AD	5,272,367	12/21/93	DENNISON ET AL.				
	AE	5,365,551	11/15/94	SNODGRASS ET AL.				
	AF	5,489,546	02/06/96	AHMAD ET AL.				
	AG	5,500,650	03/19/96	SNODGRASS ET AL.				
	AH	5,406,263	04/11/95	TUTTLE				
	AI	5,323,150	06/21/94	TUTTLE				
	AJ	5,374,930	12/20/94	SCHUERMANN				
	AK	5,461,385	10/24/95	ARMSTRONG				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
	AL						Yes	No
	AM							
	AN							
	AO							
	AP							
OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR		VITTOZ, ERIC, ET AL., <u>"CMOS Analog Integrated Circuits Based on Weak Inversion Operation"</u> , IEEE Journal of					
			Solid State Circuits, Vol. SC-12, No. 3, June 1977					
	AS		Mitsubishi Motors Corporation , "Eclipse", Web Page, 1995					
	AT		TUTTLE, JOHN R., <u>"Digital RF/ID Enhances GPS"</u> , Proceedings of the Second Annual Wireless Symposium, pp.406-411,					
			February 15-18, 1994, Santa Clara, CA					
EXAMINER				DATE CONSIDERED				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI40-363	SERIAL NO. Unassigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Mark E. Tuttle et al.					
		FILING DATE Filed Herewith		GROUP Unknown			
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,448,242	09/05/95	SHARPE ET AL.			
	AB	5,420,757	05/30/95	EBERHARDT ET AL.			
	AC	4,572,976	02/25/86	FOCKENS			
	AD	4,724,427	02/09/88	CARROLL			
	AE	4,854,328	08/08/89	POLLACK			
	AF	5,300,875	04/05/94	TUTTLE			
	AG	4,862,160	08/29/89	EKCHIAN ET AL.			
	AH	5,471,212	11/28/95	SHARPE ET AL.			
	AI	4,870,419	09/26/89	BALDWIN ET AL.			
	AJ	4,888,591	12/19/89	LANDT ET AL.			
	AK	4,912,471	03/27/90	TYBURSKI ET AL.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes
	AL						No
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR		<u>"Micron Morning Report"</u> , The Idaho Statesman, July 16, 1993.				
	AS		TUTTLE, JOHN R., <u>"A Low-Power Spread Spectrum CMOS RFIC for Radio Identification Applications"</u> , Conference				
			Proceedings from RF Expo West, pp. 216-222, March 22-24, 1994, San Jose, CA.				
	AT		FINK ET AL., <u>Electronics Engineer's Handbook - 3rd Ed.</u> , <i>Distributed Circuits</i> , §100, p. 8-104, ©1989.				
EXAMINER			DATE CONSIDERED				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI40-363	SERIAL NO. Unassigned			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Mark E. Tuttle et al.				
				FILING DATE Filed Herewith	GROUP Unknown			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	5,086,389	02/04/92	HASSETT ET AL.				
	AB	5,144,314	09/01/92	MALMBERG ET AL.				
	AC	5,164,985	11/17/92	NYSEN ET AL.				
	AD	5,287,112	02/15/94	SCHUERMANN				
	AE	4,857,893	08/15/89	CARROLL				
	AF	6,130,602	10/10/00	O'TOOLE ET AL.				
	AG	5,970,398	10/19/99	TUTTLE				
	AH	5,649,296	07/15/97	MacLELLAN ET AL.				
	AI	5,621,412	04/15/97	SHARPE ET AL.				
	AJ	4,926,182	05/15/90	OHTA ET AL.				
	AK	4,075,632	02/21/78	BALDWIN ET AL.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Form PTO-1449				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI40-363		SERIAL NO. Unassigned	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Mark E. Tuttle et al.					
				FILING DATE Filed Herewith		GROUP			
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate	
	AA	3,967,202	06/29/76	BATZ					
	AB	4,822,990	04/18/89	TAMADA ET AL.					
	AC	5,479,172	12/26/95	SMITH ET AL.					
	AD	5,521,600	05/28/96	McEWAN					
	AE	5,525,993	06/11/96	POBANZ ET AL.					
	AF	5,668,560	09/16/97	EVANS ET AL.					
	AG	4,825,220	04/25/89	EDWARD					
	AH	5,119,070	06/02/92	MATSUMOTO					
	AI	5,495,260	02/27/96	COUTURE					
	AJ	5,532,707	07/02/96	KLINGER					
	AK	4,470,047	09/04/85	VOGT					
FOREIGN PATENT DOCUMENTS									
*		Document Number	Date	Country		Class	Subclass	Translation	
								Yes	No
	AL								
	AM								
	AN								
	AO								
	AP								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
	AR								
	AS								
	AT								
EXAMINER				DATE CONSIDERED					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI40-363	SERIAL NO. Unassigned		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Mark E. Tuttle et al.			
				FILING DATE Filed Herewith	GROUP		
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	4,167,010	09/04/79	KERR			
	AB	5,086,290	02/04/92	MURRAY			
	AC	5,626,630	05/06/97	MARKOWITZ			
	AD	5,432,027	07/11/95	TUTTLE ET AL.			
	AE	5,494,495	02/27/96	TUTTLE			
	AF	5,480,834	01/02/96	LAKE ET AL.			
	AG	4,215,341	07/29/80	COLE			
	AH	3,155,954	11/03/64	LARRICK ET AL.			
	AI	5,280,643	01/18/94	ISHII			
	AJ	4,856,082	08/08/89	KASA			
	AK	4,999,636	03/12/91	LANDT ET AL.			
	AL	5,030,807	07/09/91	LANDT ET AL.			
	AM	6,122,494	09/19/00	TUTTLE			
	AN	6,574,454	06/03/03	TUTTLE			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
	AO						Yes
	AP						No
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							